

LOCAL NOTICE TO MARINERS

U.S. Department
of Transportation

United States
Coast Guard



WEEKLY SUPPLEMENT

ISSUED BY: COMMANDER ELEVENTH COAST GUARD DISTRICT (oan)
Coast Guard Island, Building 50-6, Alameda, California 94501-5100
Telephone: Day: (510) 437-2981/ 24 Hour FAX: (510) 437-5836
For subscription information and other questions, comments and suggestions,
call QM3 Daryl Gibbons at (510) 437-2981
Boating Safety Classes or Information: 1-800-869-SAIL (7245)

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated by BNM 0170-00 to BNM 0186-00 has been incorporated in this notice if still significant.

LIGHT LIST REFERENCE: COMDTPUB P16502.6 LIGHT LIST, VOLUME VI 1999 Edition

USE OF THE LOCAL NOTICE TO MARINERS

With the exceptions of Sections II, III, and VI, the Weekly Supplemental editions contain only new information available in the past seven days. For all available information concerning the waterways of the Eleventh Coast Guard District, consult Monthly Edition 09-00 and Weekly Editions 10-00, 11-00 and 12-00.

I. SPECIAL NOTICES

LORAN-C STATUS AS OF 28 March 2000.

Loran-C stations for 8290/9940 Chains are on air. For information regarding the Loran-C System, contact the Coordinator of Chain Operations West Coast at (707) 765-7590.
LNM 13/00 dated 28 March 2000.

dGPS STATUS AS OF 28 March 2000.

All dGPS sites are on air. For information regarding the dGPS system, or for status updates contact the Petaluma Control Center at (707) 765-7612/ 7613.
LNM 13/00 dated 28 March 2000.

II. DISCREPANCIES / DISCREPANCIES CORRECTED AS OF 0800U 27 Mar 2000

DISCREPANCIES: (bold type and * denote new information since last LNM)

LLNR	NAME OF AID	STATUS	CHARTS AFFECTED	BNM REF.	LNM REF.
215.00	NOAA Environmental LB 46011	MISSING	18700	0735-00	41-99
240/3835	Morro Bay Breakwater Light	FOG SIGNAL INOPERATIVE	18703	0119-00	08-00
500.00	NOAA Environmental LB 46022	MISSING	18620	0043-00	05-00
1720.00	San Diego Lighted Mooring Buoy 19	IMPROPER CHARACTERISTICS	18773	0109-00	08-00
2054.00	Sweetwater Channel Light 4	MISSING	18773	0136-00	09-00
2395.00	Dana Point Breakwater Light 3	EXTINGUISHED	18746	0171-00	13-00*
3155.00	Los Angeles SW Slip Danger Buoy	MISSING	18751	0899-99	52-99
3165.00	Los Angeles East Basin Ch. Lt. 1	TRLB/ REDUCED INTENSITY	18751	0093-00	07-00
3690.00	Ventura Marina Channel Buoy 4	MISSING	18725	0060-00	06-00
3765.00	Santa Barbara Harbor Light 4	FOG SIGNAL INOPERATIVE	18725	0938-98	52-98
4125.00	Southeast Reef Southern End LGB 1S	EXTINGUISHED	18682	0142-00	10-00
4160.00	San Francisco Main Ship Ch. LBB 1	EXTINGUISHED	18649	0186-00	13-00*
4190.00	San Francisco Main Ship Ch. LBB 7	BURNING DIM	18649	0182-00	13-00*
5725.00	Richmond Harbor Channel Light 9	LEANING	18649	0628-99	37-99
5925.00	San Pablo Bay Channel Light 12	IMPROPER CHARACTERISTICS	18654	0135-00	09-00
6185.00	Napa River Range Front Light 14	LEANING	18654	0561-99	33-99
6750.00	San Joaquin River Light 23	DAYBOARDS DAMAGED	18661	0567-99	33-99
6870.00	San Joaquin River Light 51	LEANING	18661	0363-99	23-99
8360.00	Crescent City Harbor LWB 2	REDUCED INTENSITY	18603	0838-99	48-99
8435.00	Lake Tahoe Buoy 12	OFF STATION	18665	0778-99	44-99
8480.00	Lake Tahoe Buoy 24	MISSING	18665	0176-99	11-99
8490.00	Lake Tahoe Buoy 28	MISSING	18665	0071-99	05-99

DISCREPANCIES CORRECTED:

385.00	Point Reyes Light	WATCHING PROPERLY	18640	0169-00	12-00
3279.00	San Pedro West Channel Light 4	WATCHING PROPERLY	18751	0053-00	05-00
5820.00	San Francisco North Ch. LBB 18	WATCHING PROPERLY	18649	0117-00	08-00

28 March 2000

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THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.MIL

LNM 13/00

III. TEMPORARY CHANGES/TEMPORARY CHANGES CORRECTED - ESTABLISHED/DISCONTINUED AIDS

2155.00	Coronado Cays Channel Light 22	TRUB	18773		09-00
3116.00	Los Angeles Main Channel LB 8	TEMPORARILY RELOCATED	18751	0032-00	04-00
3119.00	Los Angeles Main Channel Art LT 11	TRLB	18751	0178-00	13-00*
3136.00	Terminal Island Channel LB 4	TEMPORARILY RELOCATED	18751	0033-00	04-00
3138.00	Terminal Island Channel LB 5	TEMPORARILY RELOCATED	18751	0837-98	47-98
3142.00	Terminal Island Channel LB 6	TEMPORARILY RELOCATED	18751	0837-98	47-98
3772.00	Santa Barbara HBR Lighted Buoy 5A	TRUB	18725	0146-00	10-00
3855.10	Morro Bay Channel Lighted Buoy 4A	TEMPORARILY ESTABLISHED	18703	0110-00	08-00
4030.00	Moss Landing Harbor Channel Light 4	TRLB	18685	0012-99	02-99
4675.00	Oakland Inner Harbor Light 8	TRUB	18649	0790-99	45-99
4917.00	S.F. Bay Ent Pier 94/96 N Ch RF LT	TEMPORARILY DISESTABLISHED	18649	0725-99	45-99
4918.00	S.F. Bay Ent Pier 94/96 N Ch RR LT	TEMPORARILY DISESTABLISHED	18649	0724-99	45-99
4926.00	S.F. Bay Ent Pier 94/96 S Ch RF LT	TEMPORARILY DISESTABLISHED	18649	0726-99	45-99
4927.00	S.F. Bay Ent Pier 94/96 S Ch RR LT	TEMPORARILY DISESTABLISHED	18649	0727-99	45-99
5685.00	Richmond Harbor Channel Light 4	TRLB	18649	0787-99	45-99
5770.00	Richmond-San Rafael BR E. Ch. LB 1	TEMPORARILY RELOCATED	18649	0037-00	04-00
6395.00	Seal Islands Channel Daybeacon 3	TRUB	18656	0571-99	34-99
6913.00	Stockton Channel Light 1	TRLB	18661	0503-99	32-99
7070.00	Stockton Channel Light 29	TRLB	18661	0513-99	30-99
8035.00	Tomales Bay Buoy 3	TRUB	18643	0781-98	43-98
8200.00	Humboldt Bay Lighted Buoy 10	TEMPORARILY RELOCATED	18622	0617-99	36-99
8235.00	Humboldt Bay Light Buoy 17	TEMPORARILY RELOCATED	18622		42-99
8255.00	Samoa Channel Light 4	TRLB	18622	0478-99	29-99
8260.00	Samoa Turning Basin Lighted Buoy 6	TRLB	18622	0309-99	19-99
8330.00	Hookton Channel Light 10	TRLB	18622	0598-99	37-99
8585.00	Lake Tahoe Restricted Area DBN L	TRUB	18665	0702-98	40-98

TEMPORARY CHANGES CORRECTED:

None.

IV. CHART CORRECTIONS

EXPLANATION OF FORMAT - Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. Each correction pertains to a particular chart and to that chart only. Related charts, if any, have their own corrections which in turn pertain to a single chart only. The following example explains the individual elements of a typical correction:

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source of correction	Current Notice to Mariners
18649	53rd ed.	5/6/89	Last LNM 35/89	NAD 83	(CGD11)	37/89
(Temp) CA - San Francisco Bay - General location						37°48'00"N, 122°15'00"W
Add Embonee Channel Light 1 FI R 2.5s 7M						
Corrective Object of corrective action						Position
(Temp) located below the chart number indicates that the corrective action is temporary. Courses and bearings are given in degrees clockwise from 000° True. Bearings of light sectors are toward the light from seaward. The nominal range of a light is expressed in nautical miles, (e.g. 7M).						
501	11th ed.	11/01/1997	LAST LNM: 10/00	NAD 83	(CGD11)	13/00
North America, West Coast - Mexican Border to Dixon Entrance						
RELOCATE	NOAA Environmental Lighted Buoy 46006					
						from 40°51'00.0"N 137°31'00.0"W
						to 40°50'33.0"N 137°29'10.0"W
(Supersedes LNM 10/00 dated 07 March 2000)						
18020	35 th ed., 03/04/1995	(NAD 83)	(NOS NW - 2972)			13/00
CA - SAN DIEGO TO CAPE MENDOCINO						
ADD	dashed magenta line and label: NAVAL OPERATING AREA					
						from 34°02'12.0"N 120°01'34.0"W
						to 34°00'58.0"N 120°02'17.0"W
						to 34°00'04.0"N 120°02'02.0"W
						to 33°59'18.0"N 120°00'32.0"W
						to 33°59'33.0"N 119°59'02.0"W
						to 34°00'32.0"N 119°59'05.0"W
						to 34°01'40.0"N 120°00'25.0"W
						to 34°02'12.0"N 120°01'34.0"W

Chart Correction (Cont'd)

18022	31 st ed., 03/13/1999 (NAD 83)	(NOS NW - 2972)	13/00
	CA - SAN DIEGO TO SAN FRANCISCO BAY		
ADD	dashed magenta line and label: NAVAL OPERATING AREA	from	34°02'12.0"N 120°01'34.0"W
		to	34°00'58.0"N 120°02'17.0"W
		to	34°00'04.0"N 120°02'02.0"W
		to	33°59'18.0"N 120°00'32.0"W
		to	33°59'33.0"N 119°59'02.0"W
		to	34°00'32.0"N 119°59'05.0"W
		to	34°01'40.0"N 120°00'25.0"W
		to	34°02'12.0"N 120°01'34.0"W
18620	22 ND ed., 08/21/1999 (NAD 83)	(NOS NW - 2981)	13/00
	CA - POINT ARENA TO TRINIDAD HEAD		
CHANGE	40' to 50' in the longitude scale on the top neatline	at	41°03'00.0"N 124°50'00.0"W
18649	61 st ed., 01/22/2000 - NEW EDITION 18AHA 18649 (NAD 83)	(NOS Silver Spring, MD)	13/00
	CA - ENTRANCE TO SAN FRANCISCO BAY		1:40,000/\$16.50
	(New editions due to numerous Notice to Mariners Changes)		
CHANGE	bridge note to:		
	BASCULE BICYCLE BRIDGE		
	HOR CL 128 FT		
	HOR CL 106 FT (OPEN)		
	VERT CL 26 FT	at	37°45'10.0"N 122°14'20.0"W
DELETE	28 foot sounding, curve and tint	at	37°45'14.0"N 122°20'41.0"W
ADD	Tabulation - Oakland Outer & Inner Harbor	at	37°51'30.0"N 122°14'07.0"W
18650	49 th ed., 05/01/1999 (NAD 83)	(NOS NW - 2849, 2942)	13/00
	CA - SAN FRANCISCO BAY - CANDLESTICK POINT TO ANGEL ISLAND		
CHANGE	bridge note to:		
	BASCULE BICYCLE BRIDGE		
	HOR CL 128 FT		
	HOR CL 106 FT (OPEN)		
	VERT CL 26 FT	at	37°45'05.0"N 122°14'00.0"W
DELETE	28 foot sounding, curve and tint	at	37°45'14.0"N 122°20'41.0"W
ADD	Tabulation - Oakland Outer & Inner Harbor	at	37°48'37.0"N 122°17'23.0"W
18651	40 th ed., 07/29/1995 LAST LNM: 10/00 NAD 83	(CGD11)	13/00
	CA - San Francisco Bay - Southern Part		
CHANGE	Oyster Cove Marina Daybeacon 3 to Light FL G 4s		37°40'09.7"N 122°22'48.0"W
	Oyster Cove Marina Daybeacon 4 to Light FL R 4s		37°40'11.0"N 122°22'48.0"W
	Oyster Cove Marina Daybeacon 5 to Light FL G 4s		37°40'08.7"N 122°22'53.0"W
	Oyster Cove Marina Daybeacon 6 to Light FL R 4s		37°40'10.0"N 122°22'53.0"W
	Oyster Cove Marina Daybeacon 7 to Light FL G 4s		37°40'07.7"N 122°22'58.0"W
	Oyster Cove Marina Daybeacon 8 to Light FL R 4s		37°40'09.1"N 122°22'58.0"W
	Oyster Cove Marina Daybeacon 9 to Light FL G 4s		37°40'06.7"N 122°23'02.5"W
	Oyster Cove Marina Daybeacon 10 to Light FL R 4s		37°40'08.2"N 122°23'03.0"W
	(Supersedes LNM 10/00 dated 07 March 2000)		
18652	30 th 05/01/1999 NAD 83	(NOS NW -2790, 2814)	13/00
	CA- SAN FRANCISCO BAY TO SAN PABLO BAY		
	(PAGE A)		
DELETE	28 foot sounding, curve and tint	at	37°45'14.0"N 122°20'41.0"W
	(PAGE C)		
Add	Rock (use chart no. 1, symbol K. a)	at	37°56'24.5"N 122°24'50.9"W
		at	37°55'58.6"N 122°25'02.0"W
	(PAGE D)		
Add	Rock (use chart no. 1, symbol K. a)	at	37°58'11.6"N 122°29'33.6"W
CHANGE	bridge note to:		
	BASCULE BICYCLE BRIDGE		
	HOR CL 128 FT		
	HOR CL 106 FT (OPEN)		
	VERT CL 26 FT	at	37°45'07.0"N 122°14'07.0"W

Chart Correction (Cont'd)

18653	8 th	07/17/1999	NAD 83	(NOS NW -2790, 2791)	13/00
		CA-SAN FRANCISCO BAY	ANGEL ISLAND TO POINT-SAN PEDRO		
Add		Rock (use chart no. 1, symbol K. a)	at	37°53'38.2"N	122°29'31.3"W
			at	37°53'18.5"N	122°26'41.3"W
			at	37°55'05.0"N	122°28'51.7"W
			at	37°57'40.7"N	122°25'40.0"W
			at	37°56'24.5"N	122°24'50.9"W
			at	37°55'58.6"N	122°25'02.0"W
			at	37°57'55.8"N	122°28'18.0"W
			at	37°57'46.6"N	122°26'06.9"W
			at	37°55'38.0"N	122°23'36.7"W
			at	37°57'48.2"N	122°24'50.2"W
			at	37°57'46.8"N	122°24'46.2"W
			at	37°54'31.6"N	122°28'29.6"W
			at	37°58'11.5"N	122°29'33.5"W
			at	37°59'17.8"N	122°26'31.8"W
18654	41 st	10/30/1999	NAD 83	(NOS NW -2791)	13/00
		CA-SAN PABLO BAY			
Add		Rock (use chart no. 1, symbol K. a)	at	37°57'40.7"N	122°25'40.0"W
			at	37°57'55.8"N	122°28'18.0"W
			at	37°58'11.5"N	122°29'33.5"W
			at	37°59'17.8"N	122°26'31.8"W
18655		57th ed., 03/13/99	LAST LNM 04/00 NAD 83	(CGD11)	13/00
		CA - Mare Island Strait			
Add		Vallejo Marina Light 5 Fl G 4s		38°06'24.1"N	122°16'06.3"W
		Vallejo Marina Light 6 Fl R 4s		38°06'23.2"N	122°16'02.8"W
		(Supercedes LNM 04/00 dated 25 January 2000)			
Relocate		Dangerous submerged wreck and text PA		(NOS) from	38°02'41.7"N
			to	38°02'41.7"N	122°16'22.0"W
					122°16'33.9"W
18665		10th ed., 06/06/92	LAST LNM 01/00 NAD 83	(CGD11)	13/00
		CA - NV - Lake Tahoe			
RELOCATE		UC Davis Lighted Research Buoy 3 QY (Priv)			
			from 39°07'52.0"N 120°08'34.0"W	to	39°09'12.0"N
		(Supercedes LNM 01/00 dated 04 January 2000)			120°00'00.0"W
18680		28th ed., 07/05/1997	LAST LNM: 23/99 NAD 83	(CGD11)	13/00
		CA - Monterey Bay			
ADD		Monterey Bay Aquarium Research Lighted Buoy C yellow buoy		36°44'42.0"N	121°57'12.0"W
18685		31st ed., 05/16/1998	LAST LNM: 10/00 NAD 83	(CGD11)	13/00
		CA - Monterey Bay			
ADD		Monterey Bay Aquarium Research Lighted Buoy C yellow buoy		36°44'42.0"N	121°57'12.0"W
		(Supercedes LNM 10/00 dated 07 March 2000)			
18720		30 th Aug 31 1996	NAD 83	(NOS NW -2972)	13/00
		CA-POINT DUME TO PURISIMA POINT			
Add		dashed magenta line and label: NAVAL OPERATING AREA	from	34°02'12.0"N	120°01'34.0"W
			to	34°00'58.0"N	120°02'17.0"W
			to	34°00'04.0"N	120°02'02.0"W
			to	33°59'18.0"N	120°00'32.0"W
			to	33°59'33.0"N	119°59'02.0"W
			to	34°00'32.0"N	119°59'05.0"W
			to	34°01'40.0"N	120°00'25.0"W
			to	34°02'12.0"N	120°01'34.0"W
18721		10 th Aug 5 1995	NAD 83	(NOS NW -2972)	13/00
		CA-SANTA CRUZ ISLAND TO PURISIMA POINT			
Add		dashed magenta line and label: NAVAL OPERATING AREA	from	34°02'12.0"N	120°01'34.0"W
			to	34°00'58.0"N	120°02'17.0"W
			to	34°00'04.0"N	120°02'02.0"W
			to	34°00'00.0"N	120°01'54.0"W
			to	34°00'00.0"N	119°59'03.3"W
			to	34°00'32.0"N	119°59'05.0"W
			to	34°01'40.0"N	120°00'25.0"W
			to	34°02'12.0"N	120°01'34.0"W

Chart Correction (Cont'd)

18728	8 th Mar 24 1990 NAD 83	(NOS NW -2972)	13/00
	CA-SANTA CRUZ CHANNEL		
Add	dashed magenta line and label: NAVAL OPERATING AREA	from 34°02'12.0"N 120°01'34.0"W	
		to 34°00'58.0"N 120°02'17.0"W	
		to 34°00'04.0"N 120°02'02.0"W	
		to 33°59'18.0"N 120°00'32.0"W	
		to 33°59'33.0"N 119°59'02.0"W	
		to 34°00'32.0"N 119°59'05.0"W	
		to 34°01'40.0"N 120°00'25.0"W	
		to 34°02'12.0"N 120°01'34.0"W	
18740	38 th Nov 28 1998 NAD 83	(NOS NW - 2972)	13/00
	CA- SAN DIEGO TO SANTA ROSA ISLAND		
Add	dashed magenta line and label: NAVAL OPERATING AREA from	34°02'12.0"N 120°01'34.0"W	
		to 34°00'58.0"N 120°02'17.0"W	
		to 34°00'04.0"N 120°02'02.0"W	
		to 33°59'18.0"N 120°00'32.0"W	
		to 33°59'33.0"N 119°59'02.0"W	
		to 34°00'32.0"N 119°59'05.0"W	
		to 34°01'40.0"N 120°00'25.0"W	
		to 34°02'12.0"N 120°01'34.0"W	
18746	32nd ed., 11/07/1998 LAST LNM: 11/00 NAD 83	(CGD11)	13/00
	CA - San Pedro Channel		
ADD	- Cabrillo Mooring Buoy	33°42'36.0"N 118°16'29.0"W	
	- Alamitos Lighted Mooring Buoy Fl 4s	33°44'12.0"N 118°07'05.0"W	
	- East Breakwater Lighted Mooring Buoy A Fl 6s	33°43'33.0"N 118°08'46.0"W	
	- East Breakwater Lighted Mooring Buoy B Fl 4s	33°43'36.0"N 118°08'03.0"W	
	- Mid Breakwater Lighted Mooring Buoy Fl 4s	33°43'04.0"N 118°13'55.0"W	
	(Supercedes LNM 11/00 dated 14 March 2000)		
18749	36th ed. 10/17/1998 LAST LNM: 11/00 NAD 83	(CGD11)	13/00
	CA - San Pedro Bay		
ADD	- Cabrillo Mooring Buoy	33°42'36.0"N 118°16'29.0"W	
	- Alamitos Lighted Mooring Buoy Fl 4s	33°44'12.0"N 118°07'05.0"W	
	- East Breakwater Lighted Mooring Buoy A Fl 6s	33°43'33.0"N 118°08'46.0"W	
	- East Breakwater Lighted Mooring Buoy B Fl 4s	33°43'36.0"N 118°08'03.0"W	
	- Mid Breakwater Lighted Mooring Buoy Fl 4s	33°43'04.0"N 118°13'55.0"W	
	(Supercedes LNM 11/00 dated 14 March 2000)		
18751	39th ed. 10/17/1998 LAST LNM: 47/99 NAD 83	(CGD11)	13/00
	CA - Los Angeles and Long Beach Harbors		
ADD	- Cabrillo Mooring Buoy	33°42'36.0"N 118°16'29.0"W	
CHANGE	From Los Angeles Main Channel Articulated LT 9 To Los Angeles Main Channel Lighted Buoy 9	33°42'48.0"N 118°15'42.0"W	
18755	10 th ed., 02/12/2000 - NEW EDITION 18BHA 18755 (NAD 83)	(NOS Silver Spring, MD)	13/00
	CA - WEST COAST - SAN NICOLAS ISLAND	1:40,000/\$16.50	
	(New edition due to various general changes)		
18765	14th ed. 09/28/1996 LAST LNM: 11/00 (NAD 83)	(CGD11)	13/00
	CA - Approaches to San Diego Bay		
ADD	Pacific Beach Artificial Reef, Yellow Spar (Priv)	32°47'20.0"N 117°16'42.0"W	
	Torrey Pines Artificial Reef, Yellow Spar (Priv)	32°53'35.0"N 117°15-35.0"W	
	(Supercedes LNM 11/00 dated 14 March 2000)'		

V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

None.

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

Periodically the Coast Guard reevaluates the system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard the Coast Guard is evaluating changes in the aids to navigation as noted below. Comments are requested, and should be addressed to:

Commander

Eleventh Coast Guard District (oan)
Building 50-6
Coast Guard Island
Alameda, Ca 94501-5100

All comments submitted should include the following information:

- Quantity, type, capacity and value of vessels involved, and the extent that these vessels traverse the area under consideration seasonally, by day, and by night.
- Where practicable, the types of navigation devices, such as compasses, radio direction finder, radar, loran, and searchlights, with which such vessels are equipped.
- The number of passengers and the type, quantity, and value of the cargo involved.
- A chart section or sketch showing the action proposed when necessary to clearly describe the recommended improvement.

28 March 2000

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON
THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.MIL

LNM 13/00

NORTHERN CALIFORNIA - REQUEST FOR COMMENTS – SOUTHAMPTON SHOAL CHANNEL LB 1, 2, 3, 4, 5, 6, & 7. To properly mark the federally maintained waterway the Coast Guard proposes to move five buoys and add two additional buoys. The proposed positions for the buoys are:

LLNR 5640 Lighted Buoy 1	37-53-24.896N	122-25-13.409W
LLNR 5645 Lighted Buoy 2	37-53-26.046N	122-25-03.519W
LLNR 5650 Lighted Buoy 3	37-54-12.958N	122-25-22.329W
LLNR 5655 Lighted Buoy 4	37-54-14.057N	122-25-12.498W
LLNR 5657 Lighted Buoy 5	37-54-57.567N	122-25-30.725W
LLNR 5659 Lighted Buoy 6	37-55-00.153N	122-25-20.682W
LLNR 5660 Lighted Buoy 7	37-55-28.716N	122-25-36.777W

Send your comments **by 07 Apr 2000** to Commander, Eleventh Coast Guard District (oan); Coast Guard Island; Building 50-6, Alameda, CA 94501-5100; Attn: QM2 Cheryl Rosati or call (510) 437-2980.
Chart: 18649 LNM 10/00 dated 07 March 2000.

WASHINGTON - STRAIT OF JUAN DE FUCA - PORT ACCESS STUDY - The Coast Guard announces preliminary study recommendations of a Port Access Route Study which is evaluating the continued applicability of and the need for modifications to the current vessel routing measures in and around the Strait of Juan de Fuca and adjacent waters. The goals of the study are to help reduce the risk of marine casualties and increase vessel traffic management efficiency in the study area. Preliminary recommendations indicate that marine transportation safety can be enhanced through several modifications to the existing vessel routing system and limited regulatory changes. The Coast Guard solicits comments on the preliminary recommendations presented in this document so we can complete our Port Access Route Study. Please see 65 FR 8917 for details of these preliminary recommendations. You may view all submitted documents relating to this study at <http://dms.dot.gov> docket number 4974. General questions relating to the submission of comments may be directed to the team leader **before 21 April 2000**, Mr. John Mikesell at (206) 220-7272.
Charts: 18465, 18480 LNM 12/00 dated 21 March 2000.

VII. GENERAL INFORMATION

All times are given in local time, represented by the time followed by (U).

SOUTHERN CALIFORNIA - OFFSHORE SAN DIEGO - RESEARCH OPERATIONS - The Scripps Institution of Oceanography *R/V NEW HORIZON* will be conducting research operations during the periods **29 March through 01 April and 15 April through 25 April 2000** in an area bounded by

33-01' N/ 118-36' W
32-46' N/ 118-25' W
32-29' N/ 119-07' W
32-41' N/ 119-06' W

During the period **15 April through 25 April 2000**, *NEW HORIZON* will be towing an underwater research instrument and will be limited in its ability to maneuver. Request all vessels remain clear of *NEW HORIZON*. **On 02 April 2000**, *NEW HORIZON* will be conducting a bottom survey west of the Scripps Institution of Oceanography Pier, vicinity 32-52N/ 117-16W.

Chart: 18720 LNM 13/00 dated 28 March 2000

SOUTHERN CALIFORNIA - LOS ANGELES HARBOR - BOAT PARADE - **From 1300U through 1500U 01 April 2000** the Cabrillo Beach Yacht Club will be holding a boat parade in the Port of Los Angeles. The vessel *KAY LARUE* will be on scene and monitoring channels 16, 68, and 73 VHF-FM. Mariners are advised to transit the area with caution.

Chart: 18751 LNM 13/00 dated 28 March 2000.

SOUTHERN CALIFORNIA - LA/LB HARBOR - RESEARCH OPERATION - The *M/V AMERICAN PATRIOT* will be collecting sediment cores from **29 March through 02 April 2000** outside the Middle Breakwater and Long Beach Breakwater of the Ports of Long Beach and Los Angeles in the following coordinates:

Area A
33-42.30N/ 118-14.30W
33-42.30N/ 118-11.00W
33-40.00N/ 118-11.00W
33-40.00N/ 118-14.30W

Area B
33-43.00N/ 118-09.00W
33-43.00N/ 118-05.00W
33-40.00N/ 118-05.00W
33-40.00N/ 118-09.00W

The vessel will be monitoring channels 13,14, and 16 VHF-FM. Mariners are advised to transit the area with caution.

Chart: 18751 LNM 13/00 dated 28 March 2000.

NORTHERN CALIFORNIA - CHINA BASIN - NO ANCHORAGE ZONE - The Port of San Francisco has designated the China Basin area at Pacific Bell Ball Park as a no anchorage zone. This area starts behind an imaginary line (pier Head line) drawn from north eastern corner of Pier 50 to the north eastern corner Pier 30 and continues westward to include the waters up to the boundaries formed by the shore line, Piers, breakwaters and the fourth St. Bridge. Mariners are requested to transit this area only to enter and exit designated docking facilities.

Chart: 18649 LNM 13/00 dated 28 March 2000.

NORTHERN CALIFORNIA - BENICIA - DREDGING OPERATION - Dutra Dredging Company will be dredging at Exxon Benicia **through 03 April 2000**.

The dredge *DB #24* and tug *PATTI D* will be on scene and monitoring channels 13 and 82 VHF-FM. Mariners are advised to transit the area with caution.

Chart: 18656 LNM 13/00 dated 28 March 2000.

NEVADA - LAKE MEAD - AREA CLOSURE - The Superintendent of Lake Mead National Recreation Area, National Park Service will close the western end of the Boulder Basin of Lake Mead. The closure will include the water area 1/4-mile offshore. Which will be closed to all boat traffic, fishing, and public use during the National Ski Race Association Circle Race #3, **24 June through 25 June 2000**.

LNM 13/00 dated 28 March 2000.

NEVADA - LAKE MEAD - AREA CLOSURE - The Superintendent of Lake Mead National Recreation Area, National Park Service will close the western end of the Boulder Basin of Lake Mead. The closure will include the water area 1/2-mile offshore and the beach area. Which will be closed to all boat traffic, fishing, and public use during the Boat and water Safety Summit, **17 April 2000**.

LNM 13/00 dated 28 March 2000.

BRIDGE INFORMATION - DISCREPANCIES AND CORRECTIONS -

Questions regarding bridge operations, regulations or permit applications, please contact: Eleventh Coast Guard District, (oan-2) Coast Guard Island, Building 50-6, Alameda, CA 94501-5100 Phone: (510) 437-3514. **For a free copy of the *California Drawbridge Regulations* pamphlet, please contact the Bridge Section office above.**

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN MATEO HAYWARD BRIDGE. HIGH RISE PORTION. Seismic retrofit work continues. Scaffolding has been removed from the main navigation span. Marine construction equipment is moored east of the federal navigation channel and north of the bridge. Nine mooring buoys have been established in this area. The equipment on site consists of 9 barges, attended by 3 tugs. When in use, anchor lines may extend anywhere within a construction zone extending 2000-ft. north and south of the bridge. Present work involves dredging, erection of steel platforms, and construction of steel cofferdams at all bridge piers, except those immediately adjacent to the federal navigation channel. The location of the barges may change daily. Mariners can contact work parties at the bridge on VHF-FM Channel 77. Work should **conclude 30 June 2000**. Equipment, mooring buoys, and anchor buoys will be lighted and marked. Note: The mooring plans and work area are depicted visually on web site http://www.uscg.mil/d11/oan/BRIDGE/construction_images.htm. Charts: 18651, 18652 LNM 13/00 dated 28 March 2000.

NORTHERN CALIFORNIA – PETALUMA RIVER – HAYSTACK LANDING RAILROAD BRIDGE. The timber fenders in the navigation span have been damaged. Portions of the bridge structure are unprotected from contact by marine traffic. Mariners should use caution when transiting the area. Charts: 18652, 18654 LNM 13/00 dated 28 March 2000.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – CARQUINEZ STRAIT – VALLEJO CA I-80 FIXED HIGHWAY BRIDGE. NEW CARQUINEZ BRIDGE. The temporary trestle piles near the Crockett shoreline are marked with yellow flashing lights. A spudded crane barge is removing part of the existing fender located immediately beneath the existing 1927 (downstream) highway bridge and existing timber piles between the temporary trestle and shoreline. This work should be completed **approximately 01 April 2000**. An 80x30 ft. spudded barge with two 500 ft. anchor lines parallel to the navigation channel is performing test boring at the new South Pier. The work area is channel ward of the recently constructed temporary trestle immediately downstream (west) of the existing Carquinez Highway Bridges. A spudded dump scow will occasionally moor parallel to the channel and adjacent to the anchored barge. This work should conclude **by 31 March 2000**. SEISMIC RETROFIT. The 40x75-ft. flexifloat barge with four 300-ft. anchor lines has been relocated to Pier 2. Anchor lines will be slacked to the bottom or removed on one-hour advance notice at the request of transiting vessels. The equipment is lighted and marked. Work at Pier 2 should conclude **by early spring of 2000**, and work at the center Pier 3 should conclude **by late spring or early summer 2000**. Mariners are cautioned to transit the work site with minimum wake to prevent damage to personnel or floating plant working at the bridges. The normal work hours are **0700U-1600U, Monday through Friday**. SCAFFOLDS. CalTrans has begun seismic retrofit at the 1958 (easterly) bridge. Two scaffolds may be in use in the north span, and are lighted. Clearance immediately under the scaffold is reduced 8 ft. The scaffolds are 16 ft. wide. Commercial mariners are requested to give VTS their air draft, so they and the contractor can determine whether it's necessary to move the scaffolds. The scaffolds will be moved out of the navigation span for vessels with air drafts of 135 ft. or greater. The scaffolds will be moved back to the pier(s) **over the weekends (1430U Friday to 0700U Monday)**. Note: Work is depicted visually on website http://www.uscg.mil/d11/oan/BRIDGE/construction_images.htm. Charts: 18652, 18655, 18656 LNM 13/00 dated 28 March 2000.

NORTHERN CALIFORNIA - SACRAMENTO RIVER - MINER SLOUGH - MINER SLOUGH DRAWBRIDGE. The bridge has resumed normal operation. Chart: 18662 LNM 13/00 dated 28 March 2000.

NORTHERN CALIFORNIA – SACRAMENTO RIVER – WALNUT GROVE DRAWBRIDGE. Seismic retrofit is in progress. **From 0800U-1200U, 24-28 April 2000**, and **from 0800U-1200U, 01-05 May 2000** the bridge will be secured in the closed to navigation position for electrical work. Single leaf operation may occur **through June 2000**. Requirements from larger vessels to open both leaves may be made by providing 15 minutes advance notice to the Rio Vista Bridge for upbound traffic and the Freeport Bridge for downbound traffic. The Dutra Tug *SARAH REED*, and a 135x40 ft. spudded *BARGE #1*, are also on scene. Chart: 18662 LNM 13/00 dated 28 March 2000.

VIII. CORRECTIONS TO LIGHT LIST, VOLUME VI: PACIFIC COAST AND PACIFIC ISLANDS 1999:

(*Denotes the column in which a correction has been made or new information added.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
No.	Name and location	Position	Characteristic	Height	Range	Structure	Remarks
CALIFORNIA - Eleventh District							
265	Piedras Blancas Light	35-39.9 121-17.1	FI W 10s	142	10	White conical tower with flat top	13/00
						74	*
289	<i>Monterey Bay Aquarium Research Lighted Buoy C</i>	36-34.1 122-58-.4	FI Y 4s			Yellow	13/00
*	*	*	*	*	*	*	*
510	<i>NOAA Environmental Lighted Buoy EB 46006</i>	40-50.3N 137-29.2W	FI (4) Y 20s			Yellow disk-shaped buoy	13/00
		*					
2844.5	- Alamitos Lighted Mooring Buoy	33-44.2 118-07.1	FI 3s	4		White spherical buoy with blue band	Private aid 13/00
*	*	*	*	*	*	*	*
2846	- East Breakwater Lighted Mooring Buoy A	33-43.6 118-08.8	FI 3s	4		White spherical buoy with blue band	Private aid 13/00
*	*	*	*	*	*	*	*

Light List Corrections (Cont'd)

2847	- East Breakwater Lighted Mooring Buoy B	33-43.6 118-08.1	FI 3s	4		White spherical buoy with blue band	Private aid	13/00
*	*	*	*	*		*	*	
3027.5	- Mid Breakwater Lighted Mooring Buoy	33-43.1 118-13.9	FI 3s	4		White spherical buoy with blue band	Private aid	13/00
*	*	*	*	*		*	*	
3117	<i>Lighted Buoy 9</i>	33-42.8 118-15.7	FI G 2.5s			Green		13/00
					*			
3150	-LIGHT 10		F R	10		Red iron post on concrete pier	Private aid	13/00
			*		*			
3972.1	- Junction Lighted Buoy A	36 36.5 121 53.3	FI (2+1) R 6s			Red and green bands; nun	Private aid.	13/00
			*			*		
6136.0	- MARINA LIGHT 5	38 06.4 122 16.1	FI G 7s			S G on Pile	Private aid.	13/00
			*	*		*		
6137.0	- MARINA LIGHT 6	38 06.4 122 16.1	FI R 7s			T R on Pile	Private aid.	13/00
			*	*		*		
6470.0	ROE ISLAND CHANNEL RANGE FRONT LIGHT	38-04.0 122-02.8	Q W	19		KRW on pile structure	Visible 10° each side of rangeline	13/00
					*			
6475.0	ROE ISLAND CHANNEL RANGE REAR LIGHT 515 yards, 284° from front light. 100 ft outside channel limits.		Iso W 6s 31			KRW on pile structure	Visible 10° each side of rangeline	13/00
	*				*		*	

IX. ADDITIONAL ENCLOSURES

Enclosure (1) Channel Tabulation Chart 18649
Enclosure (2) Channel Tabulation Chart 18650

R. G. BRUNKE
Chief, Aids to Navigation and
Waterways Management Branch
Eleventh Coast Guard District

CHART 18649

OAKLAND OUTER AND INNER HARBORS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 1999								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	41.8	42.6	42.9	38.3	8-89	1000-930	0.57	42
OUTER HARBOR ENTRANCE CHANNEL	40.4	42.4	42.8	41.9	8-89	900-800	0.91	42
OUTER HARBOR	A39.0	41.2	41.8	B40.2	8-89	1575-600	1.40	42
INNER HARBOR								
ENTRANCE CHANNEL	39.4	40.3	40.8	39.5	8,9-99	2100-480	1.10	42
INNER HARBOR REACH	C37.1	41.7	41.7	39.7	8,9-99	1325-480	2.27	42
GROVE ST PIER TO								
BROOKLYN BASIN	D22.9	33.5	34.5	E25.3	2-96;1-97;8,9-99	800	1.30	42
BROOKLYN BASIN SOUTH CHANNEL	F19.5	25.2	24.7	G11.9	3,4-95;2-96	600-500	0.90	42
PARK ST BRIDGE REACH	13.9	20.3	23.5	11.3	7-86;3-88	500-275	0.42	42
<p>A. A DEPTH OF 41.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>B. A DEPTH OF 41.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>C. A DEPTH OF 41.5 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>D. A DEPTH OF 34.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>E. A DEPTH OF 34.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>F. A DEPTH OF 24.9 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>G. A DEPTH OF 20.6 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								

CHART 18650

OAKLAND OUTER AND INNER HARBORS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 1988								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	43.0	43.1	42.8	40.5	10-98	1000-990	0.57	42
OUTER HARBOR ENTRANCE CHANNEL	42.4	42.7	43.2	42.7	10-98	900-600	0.91	42
OUTER HARBOR	437.4	42.5	42.3	840.9	10-98	1575-600	1.40	42
INNER HARBOR								
ENTRANCE CHANNEL	39.6	41.9	41.8	40.5	12-98	2100-490	1.10	42
INNER HARBOR REACH	Q38.4	42.0	41.1	40.7	12-98	1325-180	2.27	42
GROVE ST PIER TO BROOKLYN BASIN	D22.9	38.5	34.5	E25.3	2-96;1-97	600	1.90	42
BROOKLYN BASIN SOUTH CHANNEL	F19.5	25.2	24.7	G11.9	3,4-95;2-96	600-500	0.90	42
PARK ST BRIDGE REACH	13.9	20.3	23.5	11.3	7-86;3-88	500-275	0.42	42
<p>A. A DEPTH OF 42.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>B. A DEPTH OF 42.9 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>C. A DEPTH OF 42.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>D. A DEPTH OF 34.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>E. A DEPTH OF 34.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>F. A DEPTH OF 24.9 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>G. A DEPTH OF 20.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								